

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011044**Date Inspected:** 30-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** OBG Deck Panel**Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

On this date QA Inspector Daniel Barrentine was assisted in the performance and completion of ABF Verification Witness Request Sheet, Document No. 11282009-1. This QA Inspector performed the required VT and UT verification of the area previously tested and accepted by ABF Quality control personnel, on the following items listed for acceptance after repair:

This QA Inspector performed conventional UT (Ultrasonic Testing) in conjunction with ABF UT department for detection of planar transverse indications on bottom plate weld 3AE to 3BE, transverse splice bottom plate weld repairs utilizing scanning pattern A, B, C and D (Fig 6.7).

This QA Inspector performed in process inspections in the trial assembly yard, heavy dock area, and in bays 13 and 14. In addition, the Inspector assisted in the completion of an after blast VT inspection of segment 7EE, inside of bottom and side panels.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for

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your project.

Inspected By:	Barrentine,Daniel	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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